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Spring 2008

CS 242: Introduction to Computer Science III

Haiyun Bian

Wright State University - Main Campus

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Spring 2008: CS 242 Introduction to Computer Science III

Instructor

Dr. Haiyun Bian

Office: 450 Russ Engineering Center

Phone: 937-775-5096

Office Hour: T/TH: 2:30p.m. – 4:00 p.m., or by email appointment

Email: haiyun.bian@wright.edu

Prerequisite: CS 241

Textbook: Starting Out with C++, 5th Edition, by Tony Gaddis, Addison-Wesley, 2006

Environment: Microsoft Visual C++

Grading:

4	Programming assignments (9% each):	36%
8	Laboratory exercises: (3% each)	24%
1	Examination 1	20%
1	Examination 2	20%

The basic scale is: **A:90-100, B:80-89, C:70-79, D:60-69, F:0-59**

Policy

- I encourage working with other people on the course concepts, but all your programs must be your own; sharing of program code will result in a grade of “zero” for all those involved; official university policy will be followed in case of academic dishonesty.
- Start early on projects and labs! Do not attend the labs empty handed!
- No late projects or laboratory exercises will be accepted. Partial credit is available so always submit the work you have completed on the assigned due date via WebCT.
- It is your responsibility to check WebCT regularly for announcements and materials for this course
- No make-up exams unless verifiable emergency
- You can reach me a number of ways. Email is the best as I check it several times a day. You may also stop by my office during office hours or by appointment.

Schedule (subject to change)

Week	Topics	Reading
1	Basic C++ Syntax	Chapters 1-5
2	Functions (Parameter Passing)	Chapter 6
3	Arrays, Sorting and Searching	Chapters 7-8
4-5	Classes, Inheritance, Polymorphism, Virtual Functions, Exceptions, Templates and STL	Chapters 13-16
6-7	Pointers and Linked Lists	Chapters 9 and 17
8-9	Stacks and Queues, Recursion	Chapters 18 -19
9-10	Binary Trees	Chapter 20